

Title (en)
Illuminated dartboard

Title (de)
Beleuchtetes Wurfpfeilziel

Title (fr)
Cible illuminée pour fléchettes

Publication
EP 0689029 B1 20010725 (EN)

Application
EP 95201474 A 19950606

Priority
• ES 9401397 A 19940621
• ES 9401600 A 19940713

Abstract (en)
[origin: EP0689029A1] Electronic dartboard (4) in which inside each sector-division (3) and in distinct regions thereof there are lights (6) of different colours, the internal lights (6) being controlled by an additional electric circuit (8) connected to the logic board (2) of the electronic dartboard (4), which are seen through the holes (7) in the front wall of each sector-division (3), the electrical connection is achieved by mechanical switch action or a change generated in the electrical resistance, the light source being provided in the rear portion of the rigid support, transparent, so that the light passes through the transparent board for electrical circuits printed, the playing area being illuminated owing to transparency from the bottom of the body of the playing area of the board (4) to its final transparency stage and subsequently directly illuminating the internal front wall of each sector-division and emerging to the exterior, filtered through the plurality of holes (7) therein. <IMAGE>

IPC 1-7
F41J 5/052

IPC 8 full level
F41J 5/052 (2006.01)

CPC (source: EP US)
F41J 5/052 (2013.01 - EP US)

Citation (examination)
• ES 283064 U 19860201
• ES 283065 U 19860201
• US 5556103 A 19960917 - QUETGLAS ARINO MIGUEL ANGEL [ES]
• US 2168644 A 19390808 - BROWNING ALBERT E
• US 2693959 A 19541109 - ROSS JR ALEXANDER D
• US 5116063 A 19920526 - HARLAN EUGENE G [US], et al
• US 4635940 A 19870113 - KELLEY FREDERICK T [US]
• US 4793618 A 19881227 - TILLERY MICHAEL L [US], et al
• US 4824121 A 19890425 - BEALL PAUL F [US], et al
• US 4881744 A 19891121 - HANSEN NORMAN C [US]
• US 4836556 A 19890606 - DEVALE DONALD P [US], et al
• US 5318319 A 19940607 - JONES RICHARD F [US], et al
• BE 444641 A

Cited by
US9192837B2; WO2006117514A3

Designated contracting state (EPC)
AT BE CH DE FR GB IE IT LI

DOCDB simple family (publication)
EP 0689029 A1 19951227; EP 0689029 B1 20010725; AT E203596 T1 20010815; DE 69521847 D1 20010830; DE 69521847 T2 20020404; US 5556103 A 19960917

DOCDB simple family (application)
EP 95201474 A 19950606; AT 95201474 T 19950606; DE 69521847 T 19950606; US 46787995 A 19950606